Theorem 3.184. *[24D]* *Consider the order relation $\subseteq$ on $\mathbb{N}$; then*

$$\forall x, y \in \mathbb{N}, (x \subseteq Sy \land x \neq Sy) \iff (x \subseteq y) \quad . \tag{3.185}$$

This will be proven in Exercise [26P].